

13 f) comparing said output signals of said first pressure transducer and said level
14 element to a reference pressure to calculate a level of a [groundwater / product]
15 groundwater and product interface and a thickness of said product layer.

1 2. (Original) The method as defined in claim 1 wherein:
2 said reference pressure is assumed to be a known pressure.

1 3. (Original) The method as defined in claim 1 wherein:
2 said reference pressure is measured at a reference side of said first pressure
3 transducer, an airway being provided between said first pressure transducer and a position
4 above said upper surface of said product layer.

1 4. (Original) The method as defined in claim 1 wherein:
2 said reference pressure is measured by a second pressure transducer positioned
3 above said upper surface of said product layer.

1 5. (Original) The method as defined in claim 1 wherein:
2 said first pressure transducer is in communication with a power supply, processing,
3 and display unit.

1 6. (Original) The method as defined in claim 4 wherein:
2 said second pressure transducer is in communication with a power supply,
3 processing, and display unit.

1 7. (Original) The method as defined in claim 1 wherein:

2 said level element comprises a float with a guide tube, a magnet movable along a
3 length of said guide tube, and a reed-switch installed in a travel path of said magnet; such
4 that said magnet moves along said guide tube in response to a changing fluid level,
5 thereby triggering different levels of resistance in said reed-switch and varying said output
6 signal of said level element.